

DERWENT-ACC-NO: 1999-395712

DERWENT-WEEK: 200029

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TITLE: High-strength refractory deposition
material preparation
fine high-alumina - by mixing high-alumina aggregate,
and corundum powder powder, clay powder, silicon carbide
and binder and adding coagulation accelerator

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PATENT-FAMILY:

PUB-NO	PAGES	PUB-DATE	
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CN 1214327 A		April 21, 1999	N/A
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APPLICATION-DATA:

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CN 1214327A	N/A	
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INT-CL (IPC): C04B035/10

ABSTRACTED-PUB-NO: CN 1214327A

BASIC-ABSTRACT:

The refractory material consists of high-alumina aggregate,
fine high-alumina
powder, clay powder, SiC, corundum powder, inorganic
high-temperature DCE
binder, and alumina cement or aluminium phosphate cement as

coagulation
accelerator.

The material is prepared by mixing high-alumina aggregate, fine high-alumina powder, clay powder, SiC and corundum powder crushed to specified sizes through stirring and adding the coagulation accelerator and the binder while stirring.

USE - For building various high-temperature kilns and furnaces.

ADVANTAGE - High strength, refractoriness, refractoriness under load and long-term use at high temperatures.

TITLE-TERMS: HIGH STRENGTH REFRACTORY DEPOSIT MATERIAL
PREPARATION MIX HIGH
ALUMINA AGGREGATE FINE HIGH ALUMINA POWDER CLAY
POWDER SILICON
CARBIDE CORUNDUM POWDER ADD COAGULATE
ACCELERATE BIND

DERWENT-CLASS: L02

CPI-CODES: L02-E05;

UNLINKED-DERWENT-REGISTRY-NUMBERS: 1247S

SECONDARY-ACC-NO:

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